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COMPANY PROFILE



PacificNDT is a distinguished US-based NDT & Security X-Ray Equipment manufacturer that specializes in delivering cutting-edge portable digital imaging solutions for NDT and Security applications. Our unwavering company mission revolves around pioneering unique and state-of-the-art digital X-Ray imaging technologies within the NDT and Security sectors, all while ensuring exceptional value and top-notch customer service.

At **PacificNDT**, we have consistently been at the forefront of introducing advanced NDT Radiography solutions to the market. Our dedicated team comprises highly experienced Mechanical, Electrical, and Software Engineers who collaborate harmoniously to transform tailored X-ray solutions into reality.

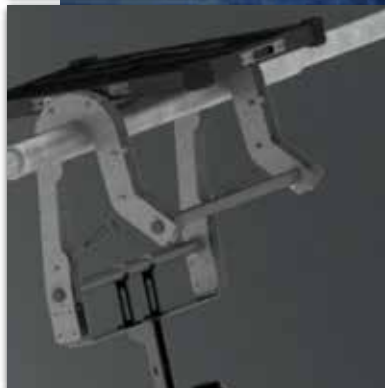
Over the years, we have garnered a solid reputation as a NDT Radiography Company for satisfying clients across various industries, including Security, Forensics, Concrete, Pipeline, Powerline, and Aerospace imaging. We take pride in our commitment to pushing the boundaries of technology to provide innovative solutions for our customers' diverse needs.

PIX RAVEN



POWERLINE SOLUTION

Introducing PiX Raven™ – introducing complete wireless solution for Powerline X-Ray Inspection designed for utility companies and transmission corporations. Powerline X-ray inspection is costly, difficult and sometimes just dangerous. PiX Raven is a highly advanced powerline mounting X-Ray solution designed to upgrade and introduce digital X-Ray imaging to the powerline industry.



PiX Raven includes a state-of-the-art digital detector inside our IP68 rated protective armor (Rhino), portable X-Ray, Air Pi Trigger Box all mounted on newly upgraded mount for inspecting sleeves and connectors. Our carbon fiber frame mounts on the powerline and is one of the safest methods to safely inspect conductor sleeves on power lines.

Along with it, our software loaded on a rugged tablet captures accurate and actionable images! With a single click, you can trigger the X-Ray, capture an image and wirelessly transfer it on to the table/laptop in a matter of seconds. When you launch the software, the detector and x-ray are auto-connected.

Inspect power lines efficiently & safely with PiX Raven™

- Auto Lock mechanism holds the Raven in place allowing no movement or blur during usage.
- With a single click, unlock & move the Raven to the next spot for inspection.
- Wireless transmission to touch screen tablets and laptops using Pacific NDT Powerline Software.

Software Features:

All types of measurement tools, post processing filters, and viewing tools are available.

PiX Piken Rugged Digital Detector

PiX Piken HD is our lightest, smallest and highest resolution imaging solution (NDT X Ray Machine).

PiX Piken: Portable NDT Digital Radiography Solution for Industrial Applications

PiX Piken is a compact, lightweight portable NDT digital radiography (DR) solution designed for maximum versatility and performance. This portable weld X-ray machine is housed in a compact Pelican case with custom foam, ensuring durability and easy transportation. Specifically engineered for Profile Radiography, it delivers detailed cross-sectional images of critical components with precision and reliability.

PiX 410C Bendable Digital Detectors:

Introducing PiX 410C: the most advanced bendable digital detector available in the market. 410C has the highest pixel pitch currently available for a bendable detector. It also comes with a rugged exterior case to withstand rigors of NDT use. Having a portable and lightweight form factor, its unique flexible design allows for reduced geometric distortion & enhanced detail resolution.

At PacificNDT, we want to ensure that our products offer customers a plug and play experience while ensuring a long term use to maximize their ROI.



Specialized Industrial Applications
PiX Piken is ideal for a wide range of industrial radiography applications, including:

- Pipeline X-Ray Inspection
- Weld Inspection
- Structural Integrity Assessment
- Wall Thickness Measurement





PiX417C Bendable Digital Detectors:



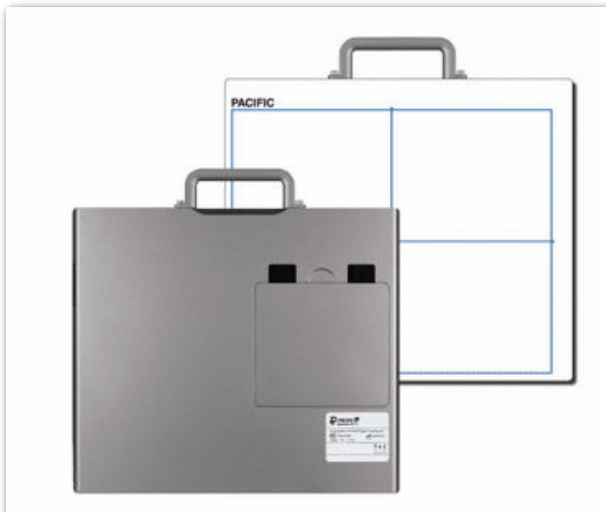
The PiX 417C is one of three rugged, bendable panel detectors (BPD) offered by PacificNDT. As indicated by its name, the PiX 417 features a 4" wide by 17" long active sensor area, making it ideal for imaging cylindrical vessels and pipelines. Built for field use in extreme NDT environments, the PiX 417C delivers outstanding performance with Pulse Potential X-Ray, Constant Potential X-Ray, and Gamma Ray sources.

At PacificNDT, we focus on delivering a seamless plug-and-play experience with our products, ensuring long-term reliability to help customers maximize their ROI.

The PiX 417C is a bendable panel detector engineered with flexible, durable materials, allowing it to conform seamlessly to curved or irregular surfaces like pipelines and cylindrical objects. Its innovative design ensures the detector bends without sacrificing image quality or performance.

PiX Bendable detectors provide enhanced versatility for inspecting non-flat surfaces, offering superior positioning and improved image accuracy for specialized applications.

Our entire detector range is fully integrated with PiX acquisition software, which is continuously optimized to add value to our customers. The software includes essential features such as viewing, annotation, measurement, post-processing, storage, export, and advanced capabilities like NDT PACS (Picture Archiving & Communication System) and ADR (Assisted Defect Recognition).



PiX (EzDR) 1417

The PiX Portable Security Solution from PacificNDT is designed with a complete focus on the end-user.

Every component has a snap-on fit for quick and definitive use in a high-pressure environment. The system carries certifications such as Military Standard 810G, 461G for usage in low and high temperature, vibration, and altitude, and is backed by PacificNDT's ISO 9001:2015 approved quality management system.

The system comes in a portable & rugged pelican case on wheels with custom foam (also available in a backpack solution). The imaging unit consists of an IP67 rated DR with the lowest edge space in the market, a rugged IP 65 PC/Tablet, PiX Security Software, PiX Gold 3.0 Control Box, Dual Energy Module (2.0), Golden XRS source & other accessories (bipod stand, tripod stand, etc).

The PiX Security Solution operates with a built-in battery and has both tethered & wireless modes. Our system enables you to capture and display an image in a matter of seconds, allowing you to make rapid decisions under high-pressure situations.



- Low Edge Space
- IP 67 Certified Detectors
- Complete Wireless X-Ray Control
- Emergency ON/OFF Switch
- Dual Energy Module
- Auto-Connect
- Visual and Audible Alarm
- Pelican and Backpack Solutions
- Long Range Image Transfer

PiX 10 12HD

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Water- & dust-resistant



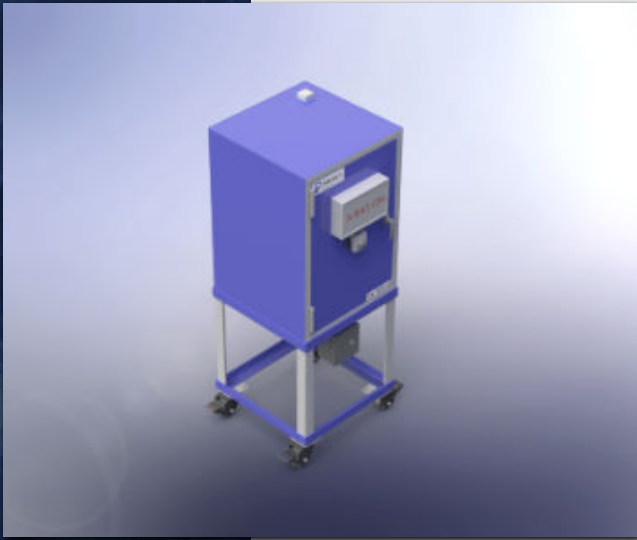
Manufactured in USA



Completely wireless system



The carbon fiber covers are tough



X-Ray Cabinets

PacificNDT is excited to introduce its stationary cabinet based X-Ray solutions along with its field proven successful portable imaging systems.

Critical Features

- Smallest form factor
- Highest pixel pitch Detector
- Small Focal spot x-ray for extreme sharpness
- Adjustable SID
- Radiation control using non-lead technology.
- High penetration power
- Robust design
- Large battery capacity (runs with Mains also)
- Designed for optimal cooling characteristics
- Safety Physical safety interlock with key
- Audible and visible warning signs
- Designed, Assembled and shipped from USA

PiX MiniHD



PiX MosaiX

The MosaiX Imaging Solution is tailor made for large part inspection. MosaiX provides you a imaging area of 42" x 51" captured in minutes and the length of your imaging area can be extended using our sliding module attachments.

In addition to the X-ray of wings, the MosaiX solution is ideal for rotors, blades or large part automotive inspection, etc. MosaiX ensures flexible mounting solutions for multiple detectors with varying resolution, yielding the most efficient X-ray capture solution available.

Our Smart-Stitching feature, embedded in our software, captures MosaiX high resolution images and builds them precisely into large areas scans to ensure accuracy and integrity. Defects, as small as 25-50 microns, can be seen using our high definition detectors in sync with our small focal spot constant potential portable x-ray units making the MosaiX Imaging Solution the ideal choice for this industrial imaging discipline.



PiX 0506HD NDT

50 Micron CMOS Detector

FEAURES

- 50 μm pixel pitch with 16-bit ADC
- CMOS detector technology
- 4.6 x 5.6 inch imaging area
- Gigabit Ethernet interface, without image loss
- Fast speed, high throughput
- IP65 ingress protection
- "Plug and Play" Software

PiX 0506 NDT is state-of-the-art, solid-state CMOS detector for dynamic imaging. The 5x6 inch CMOS sensor provides a dynamic range up to 72 dB, and supports programmable gain and read-out modes. It enable high speed imaging up to 18 fps with excellent sensitivity. The PiX 0506 NDT is suited for industrial NDT applications including aerospace imaging, BLC (bondline corrosion), microfocus inspection etc.

PacificNDT specializes in providing high quality x-ray imaging solutions for industrial and security use. We are based in the beautiful Pacific Northwest (Seattle, WA) and all of our designs, assembly & manufacturing is done in the USA. We have a range of Computed Radiography (CR) and Digital Radiography (DR) products powered by PiX (acquisition software). wide range of applications including Aerospace, Oil & Gas, Powerline, Pipeline Integrity, Concrete, Security, Automotive, Battery Inspection etc.

Our company mission is to have successful installations in as many countries as possible while ensuring excellent post sales service. Our software is available in English, Spanish, Portuguese, German & Chinese. Local language software is available upon request of the product.



PACIFIC 
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NEXT LEVEL IMAGING

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